

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/698,905	
			Filing Date	October 31, 2003	
			First Named Inventor:	Wolf-Dietrich Weber	
			Art Unit	2192	
Examiner Name	Rutten, James D.				
Attorney Docket Number	026517-0035P				
Sheet	1	of	4		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-	5,107,257	04-21-1992	Fukuda	
	US-	5,265,257	11-23-1993	Simcoe et al.	
	US-	5,469,433	11-21-1995	McAuley	
	US-	5,546,546	08-13-1996	Bell et al.	
	US-	5,634,006	05-27-1997	Baughner et al.	
	US-	5,745,913	04-28-1998	Pattin et al.	
	US-	6,119,183	09-12-2000	Briel et al.	
	US-	6,141,355	10-31-2000	Palmer et al.	
	US-	6,141,713	10-31-2000	Kang	
	US-	6,198,724	03-06-2001	Lam et al.	
	US-	6,199,131	03-06-2001	Melo et al.	
	US-	6,212,611	04-03-2001	Nizar et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/jdr/		WO 00/29956 A	05-25-2000	Infineon		
		JP 4238133	12-26-2000	Sonics, Inc.		
/jdr/		JP 2000-250853	09-14-2000	NEC Corp.		
		JP H09-138774	05-27-1999	Tandem Computers, Inc.		
/jdr/		JP H11-250004	09-17-1999	NEC Corp.		
/jdr/		WO 2003/034242	04-24-2003	Sonics, Inc.		
/jdr/		WO 01/93477 A1	12-06-2001	Sonics, Inc.		
/jdr/		WO 2005/045727	05-19-2005	Sonics, Inc.		
		10-2006-7010659	05-30-2006	Sonics, Inc.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /jdr/

Substitute for Form 1449/PTO				Complete if Known Application Number: 10/698,905 Filing Date: October 31, 2003 First Named Inventor: Wolf-Dietrich Weber Art Unit: 2192 Examiner Name: Rutten, James D. Attorney Docket Number: 026517-0035P		
<h1 style="text-align: center;">INFORMATION DISCLOSURE</h1> <h2 style="text-align: center;">STATEMENT BY APPLICANT</h2> <p style="text-align: center;"><i>(use as many sheets as necessary)</i></p>						
Sheet	2	of		4		
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US-	6,215,789	04-10-2001	Keenan et al.	
		US-	6,215,797	04-10-2001	Fellman et al.	
		US-	6,266,718	07-24-2001	Klein	
		US-	6,430,156	08-06-2002	Park et al.	
		US-	6,499,090	12-24-2002	Hill et al.	
		US-	6,578,117	06-10-2003	Weber	
		US-	6,721,325	04-13-2004	Duckering et al.	
		US-	6,862,265	03-01-2005	Appala et al.	
		US-	6,976,106	12-13-2005	Tomlinson et al.	
		US-	2001/0026535	10-04-2001	Amou et al.	
		US-				
		US-				

[illegible]

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /idr/

Substitute for Form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	10/698,905	
			Filing Date	October 31, 2003	
			First Named Inventor:	Wolf-Dietrich Weber	
			Art Unit	2192	
			Examiner Name	Rutten, James D.	
Sheet	3	of	4	Attorney Docket Number	026517-0035P
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
/jdr/		Weber, Wolf-Dietrich, et al., "Enabling Reuse via an IP Core-centric Communications Protocol: Open Core Protocol", In Proceedings of the IP 2000 System-on-Chip Conference Mar. 2000, pp. 1-5.			
		PCT International Search Report for PCT/US2004/035863, Int'l filing Oct. 27, 2004, mailed Aug. 9, 2005, 9 pages.			
/jdr/		Wingard, Drew, "Sonics SOC Integration Architecture," Sonics, Inc., 1500 presentation, 1999, 25 pages, www.00P-IP.org. Kamas, Alan, "The SystemC OCP Models; An Overview of the SystemC Models for the Open Core Protocol," NASCUG, 2004, 30 pages.			
/jdr/		Wingard, Drew, "Socket-Based Design Using Decoupled Interconnects," Sonics, Inc., 30 pages, downloaded Jun. 14, 2004, www. OCP-IP.org.			
		Haverinen, Anssi, "SystemCTM Based SoC Communication Modeling for the OCP Protocol," White Paper, Oct. 2002, V1.0, 39 pages.			
/jdr/		Wingard, Drew, "Tiles-An Architectural Abstraction for Platform-Based Design," Perspective article 2, EDA Vision, Jun. 2002, 3 pages, www.edavision.com.			
/jdr/		Weber, Wolf-Dietrich, "Efficient Shared DRAM Subsystems for SOCs," Sonics, Inc., 2001, 6 pages.			
/jdr/		"Open Core Protocol Specification," OCP International Partnership, Release 1.0, 2001, 2 pgs.			
/jdr/		Wingard, Drew PhD., "Integrating Semiconductor IP Using uNetworks," ASIC Design, Jul. 2000 electronic engineering, 3 pages.			
/jdr/		Wingard, Drew, "Tiles: the Heterogeneous Processing Abstraction for MPSoC," Sonics, Inc., Smart Interconnect IP, 2004, 35 pages, www.00P-IP.org.			
/jdr/		Chou, Joe, "System-Level Design Using OCP Based Transaction-Level Models," presentation, Denali MemCom Taiwan 2005, OCP International Partnership, 23 pages.			

Examiner Signature	Date Considered
--------------------	-----------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/698,905	
			Filing Date	October 31, 2003	
			First Named Inventor:	Wolf-Dietrich Weber	
			Art Unit	2192	
			Examiner Name	Rutten, James D.	
Sheet	4	of	4	Attorney Docket Number	026517-0035P
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
/jdr/		Wingard, Drew, "A Non-Blocking Intelligent Interconnect for AMBA-Connected SoCs," Sonics, Inc., CoWare Arm Developer's Conference, Oct. 6, 2005, 39 pages.			
/jdr/		Weber, Wolf-Dietrich, et. al., "A Quality-of-Service Mechanism for Interconnection Networks In System-on-Chips," 1530-1591/05, 2005 IEEE, 6 pages.			
/jdr/		Casini, Phil, "Measuring the Value of Third Party Interconnects," Sonics, Inc., White Paper, 2005, 11 pages, www.sonicsinc.com .			
/jdr/		European Search Report for International Application No. EP 02 71 3653, mailed on May 29, 2006, pp. 3 total.			
/jdr/		First Exam Report for European Application No. 04796678.3 dated 12/11/06, 6 pages.			
		Second Exam Report for European Application No. 04796678.3 dated 12/14/07, 6 pages.			
		Third Exam Report for European Application No. 04796678.3 dated 3/27/09, 4 pages.			
/jdr/		International Search Report for International Patent Application No. PCT/US2004/035863 dated 8/9/05, 7 pages.			
/jdr/		International Preliminary Report on Patentability and Written Opinion for International Patent Application No. PCT/US2004/035863 dated 5/1/06, 11 pages.			

Examiner Signature	/James Rutten/	Date Considered	09/26/2009
--------------------	----------------	-----------------	------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.